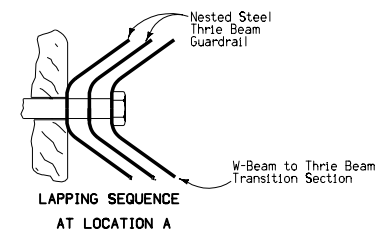


#### GENERAL NOTES:

Details indicated hereon are for the installation of the Steel Beam Guardrail Transition Section. This section includes (2) 3.810 meter elements of Thrie Beam Guardrail (Nested) and a W-Beam to Thrie Beam Transition Section.

Horizontal and vertical alignment of the guardrail shall be adjusted to a smoothly curved line with no abrupt changes.

- ① Formed Steel Thrie Beam Guardrail; refer to Standard Road Plan RE-12B.
- ② W-Beam to Thrie Beam Transition Section; refer to Standard Road Plan RE-2B.
- ③ Formed Steel W-Beam Guardrail; refer to Standard Road Plan RE-12A.
- ④ 150 mm x 200 mm Wood Post (2134 mm long) with Spacer Block. Steel or wood may be used at Contractor's option.
- ⑤ 150 mm x 200 mm Wood Post (1830 mm long) with Spacer Block. Steel or wood may be used at Contractor's option.
- ⑥ 20 mm round holes in Wood Post and Spacer Block.
- ⑦ All 2134 mm posts shall be marked with 1) the post length and 2) the supplier or manufacturer.
- ⑧ Use 150 mm X 200 mm X 457 mm Spacer Block, placed flush with the top of the post.
- ⑨ 21 mm round holes in Steel Post and Spacer Block.



All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RE-68
	REVISION: Add Steel Post and Spacer Block details.	REVISION NO. 7
	APPROVED BY: <i>William J. Sten</i> DESIGN METHODS ENGINEER	REVISION DATE 04-15-03
	STEEL BEAM GUARDRAIL STANDARD TRANSITION SECTION (STS)	